

## ABSTRACT

A telematics system that includes a security controller is provided. The security controller is responsible for ensuring secure access to and controlled use of resources in the vehicle. The security measures relied on by the security controller can be based on digital certificates that grant rights to certificate holders, e.g., application developers. In the case in which applications are to be used with vehicle resources, procedures are implemented to make sure that certified applications do not jeopardize vehicle resources' security and vehicle users' safety. Relationships among interested entities are established to promote and support secure vehicle resource access and usage. The entities can include vehicle makers, communication service providers, communication apparatus vendors, vehicle subsystem suppliers, application developers, as well as vehicle owners/users. At least some of the entities can be members of a federation established to enhance and facilitate secure access and usage of vehicle resources.